

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: DAVID GUZO Examiner #: 70677 Date: 2/25/05
Art Unit: 1636 Phone Number 301-272-0767 Serial Number: 10/613106
Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc. if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Please run a regular plus interference sequence search on SEQ ID NO: 1 and 4.

*1-M-986
4-M-2144*

*CRFE**Thanks**MEJ'*

*Amob 2-2532
3/7/05 - 3/9/05*

STAFF USE ONLY

Type of Search

Vendors and cost where applicable

Searcher:

NA Sequence (#)

STN

Db	250	CTCAGCTTTCCGCGCGCCGGTTCCTCGGAGCCGCTCACCTTTCCCGGAGCCCGAG	309
Qy	301	CAGCCGAGCAGAGAGCCTTGCGGTTCGATTCGCAAACTTGTACCGGAGGTGATC	360
Db	310	CAGCCGAGCAGAGAGCCTTGCGGTTCGATTCGCAAACTTGTACCGGAGGTGATC	369
Qy	361	GATTTTACCTGCGCAGAGGCTGGCTTTCCACCGAGAGACAGAGGATGAAGGGTGAG	420
Db	370	GATTTTACCTGCGCAGAGGCTGGCTTTCCACCGAGAGACAGAGGATGAAGGGTGAG	429
Qy	421	GAGTTTGTGTAATTAATGTGAGACCCCGGCGACGGTTGACGTTGTCTATATCAC	480
Db	430	GAGTTTGTGTAATTAATGTGAGACCCCGGCGACGGTTGACGTTGTCTATATCAC	489
Qy	481	CGAGGAATACGGGGGACCCAGATATTAATGTTCGTTGCTATATAGAGACCTGTGGC	540
Db	490	CGAGGAATACGGGGGACCCAGATATTAATGTTCGTTGCTATATAGAGACCTGTGGC	549
Qy	541	ATGTTTGTCTACAGTAAGTGAATAATATATGGCAGTGGGTGATAGAGTGGGTTGGTG	600
Db	550	ATGTTTGTCTACAGTAAGTGAATAATATATGGCAGTGGGTGATAGAGTGGGTTGGTG	609
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Db	610	TGTTAATTTTTTTTTTAATTTTACAGTTTGTGTTTAAAGAAATTTGTATTTGATTT	669
Qy	661	TTTTTAAAGGCTGTGTCTGAACCTGAGCCGAGCCGAGACCGAGACCTGTGCA	720
Db	670	TTTTTAAAGGCTGTGTCTGAACCTGAGCCGAGCCGAGACCGAGACCTGTGCA	729
Qy	721	GACCTACCCGCGCTCTTAAATATGGCGCTGTCTATCTGTAGACGCGCCGACATCACTGTGT	780
Db	730	GACCTACCCGCGCTCTTAAATATGGCGCTGTCTATCTGTAGACGCGCCGACATCACTGTGT	789
Qy	781	CTAAGAAATGCAATAGTAAGTACGATAGCTGTGATCTCCGCTCTTCTTAAACAACCTTCGTG	840
Db	790	CTAAGAAATGCAATAGTAAGTACGATAGCTGTGATCTCCGCTCTTCTTAAACAACCTTCGTG	849
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Db	850	AGATACACCCCGGTGTGCTGCGCTGCCCCATTTAAACCAATGTCGTTGAGATGTGTGGGC	909
Qy	901	GTCGCCAGGCTGTGGAATGTATCGAGAGCTTGCTTAAACAAGCTTGGGCAACTTTTGGACT	960
Db	910	GTCGCCAGGCTGTGGAATGTATCGAGAGCTTGCTTAAACAAGCTTGGGCAACTTTTGGACT	969
Qy	961	TGAGCTGTAAACGCCCGACGACCATTA	986
Db	970	TGAGCTGTAAACGCCCGACGACCATTA	995
RESULT 2			
LOCUS	AR016485	1000 bp	DNA
DEFINITION	Sequence 3 from patent US 5776743.		linear
ACCESSION	AR016485		
VERSION	AR016485.1		GI:3972762
KEYWORDS	Unknown.		
ORGANISM	Unknown.		
REFERENCE	1 (bases 1 to 1000)		
AUTHORS	Frisch, S.M.		
TITLE	Method of sensitizing tumor cells with adenovirus E1A		
JOURNAL	Patent: US 5776743-A 3 07-JUL-1998;		
FEATURES	Location/Qualifiers		
source	1..1000		
ORIGIN	/organism="unknown" /mol_type="unassigned DNA"		
Query Match	100.0%;	Score 986;	DB 6; Length 1000;
Best Local Similarity	100.0%;	Pred No. 1e-263;	

Qy	1	ATGAGACATTTATCTGCCACGAGAGTGTATATACCGAAGAAATGGCCGCGACTTTTG	60
Db	10	ATGAGACATTTATCTGCCACGAGAGTGTATATTAACGAAGAAATGGCCGCGACTTTTG	69
Qy	61	GACGAGTATCGAAGAGGATAGCGTGAATATCTTCCACTCTAGACCATTTTGAACA	120
Db	70	GACGAGTATCGAAGAGGATAGCGTGAATATCTTCCACTCTAGACCATTTTGAACA	129
Qy	121	CTTACCTTCACGAAGTATATGATTTTAAAGCTGACGCGCCCCGGAAGATCCCAACGAGAG	180
Db	130	CTTACCTTCACGAAGTATATGATTTTAAAGCTGACGCGCCCCGGAAGATCCCAACGAGAG	189
Qy	181	GCGGTTTCGAGATTTTTTCCGACTGTGTAATGTTGAGCGGTTGAGAGAGGATTAAGCTTA	240
Db	190	GCGGTTTCGAGATTTTTTCCGACTGTGTAATGTTGAGCGGTTGAGAGAGGATTAAGCTTA	249
Qy	241	CTCACCTTTCCGCGCGCGCCGCTGTCTCGAGACCGCTCACCTTTCCGCGACCCGAG	300
Db	250	CTCACCTTTCCGCGCGCGCCGCTGTCTCGAGACCGCTCACCTTTCCGCGACCCGAG	309
Qy	301	CAGCCGAGCAGAGAGCCTTGCGGTTCGATTCGCAAACTTGTACCGGAGGTGATC	360
Db	310	CAGCCGAGCAGAGAGCCTTGCGGTTCGATTCGCAAACTTGTACCGGAGGTGATC	369
Qy	361	GATTTTACCTGCGCAGAGGCTGGCTTTCCACCGAGAGACAGAGGATGAAGGGTGAG	420
Db	370	GATTTTACCTGCGCAGAGGCTGGCTTTCCACCGAGAGACAGAGGATGAAGGGTGAG	429
Qy	421	GAGTTTGTGTAATTAATGTGAGACCCCGGCGACCGTTGACAGTCTTGTCTATATCAC	480
Db	430	GAGTTTGTGTAATTAATGTGAGACCCCGGCGACCGTTGACAGTCTTGTCTATATCAC	489
Qy	481	CGAGGAATACGGGGGACCCAGATATTAATGTTCGTTGCTATATAGAGACCTGTGGC	540
Db	490	CGAGGAATACGGGGGACCCAGATATTAATGTTCGTTGCTATATAGAGACCTGTGGC	549
Qy	541	ATGTTTGTCTACAGTAAGTGAATAATATATGGCAGTGGGTGATAGAGTGGGTTGGTG	600
Db	550	ATGTTTGTCTACAGTAAGTGAATAATATATGGCAGTGGGTGATAGAGTGGGTTGGTG	609
Qy	601	TGTTAATTTTTTTTTTAATTTTACGTTTGTGTTTAAAGAAATTTGTATTTGATTT	660
Db	610	TGTTAATTTTTTTTTTAATTTTACGTTTGTGTTTAAAGAAATTTGTATTTGATTT	669
Qy	661	TTTTTAAAGGCTGTGTCTGAACCTGAGCCGAGCCGAGACCGAGACCTGTGCA	720
Db	670	TTTTTAAAGGCTGTGTCTGAACCTGAGCCGAGCCGAGACCGAGACCTGTGCA	729
Qy	721	GACCTACCCGCGCTCTTAAATATGGCGCTGTCTATCTGTAGACGCGCCGACATCACTGTGT	780
Db	730	GACCTACCCGCGCTCTTAAATATGGCGCTGTCTATCTGTAGACGCGCCGACATCACTGTGT	789
Qy	781	CTAAGAAATGCAATAGTAAGTACGATAGCTGTGATCTCCGCTCTTCTTAAACAACCTTCGTG	840
Db	790	CTAAGAAATGCAATAGTAAGTACGATAGCTGTGATCTCCGCTCTTCTTAAACAACCTTCGTG	849
Qy	841	AGATACACCCCGGTGTGCTGCGCTGCCCCATTTAAACCAATGTCGTTGAGATGTGTGGGC	900
Db	850	AGATACACCCCGGTGTGCTGCGCTGCCCCATTTAAACCAATGTCGTTGAGATGTGTGGGC	909
Qy	901	GTCGCCAGGCTGTGGAATGTATCGAGAGCTTGCTTAAACAAGCTTGGGCAACTTTTGGACT	960
Db	910	GTCGCCAGGCTGTGGAATGTATCGAGAGCTTGCTTAAACAAGCTTGGGCAACTTTTGGACT	969
Qy	961	TGAGCTGTAAACGCCCGACGACCATTA	986
Db	970	TGAGCTGTAAACGCCCGACGACCATTA	995
RESULT 3			
LOCUS	AR031949		

LOCUS AR031949 1000 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1 from patent US 5865550.
ACCESSION AR031949
VERSION AR031949.1 GI:5946238
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 1000)
AUTHORS Friesch, S.M.
TITLE Method of inhibiting replication of hyperproliferative cells using
a nucleic acid encoding E1A
JOURNAL Patent: US 5865550-A 1 02-FEB-1999;
FEATURES
Source
1..1000
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN

Query Match 100.0%; Score 986; DB 6; Length 1000;
Best Local Similarity 100.0%; Pred. No. 1e-263;
Matches 986; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGACATATTATCTGCGCAGAGAGTGTATTACCGAAGAAATGGCCGCACTTTTG 60
DB 10 ATGAGACATATTATCTGCGCAGAGAGTGTATTACCGAAGAAATGGCCGCACTTTTG 69
QY 61 GACCACTGATCGAAGAGTACTGCTGATTAATCTTCCACTCTTCCAGCATTTTGAACCA 120
DB 70 GACCACTGATCGAAGAGTACTGCTGATTAATCTTCCACTCTTCCAGCATTTTGAACCA 129
QY 121 CCTACCTTCAAGACTGATTAATTAAGCGAGCGCCCGCAAGATCCCAAGAGAG 180
DB 130 CCTACCTTCAAGACTGATTAATTAAGCGAGCGCCCGCAAGATCCCAAGAGAG 189
QY 181 GCGGTTTGCAGATTTTCCCGACTCTGTAATGTTGGCGTGACAGAAAGGATGACTTA 240
DB 190 GCGGTTTGCAGATTTTCCCGACTCTGTAATGTTGGCGTGACAGAAAGGATGACTTA 249
QY 241 CTCACCTTTCCGCGCGCGGCTTCTCGGAGCGGCTCACCTTTCCCGCAGCCGAG 300
DB 250 CTCACCTTTCCGCGCGCGGCTTCTCGGAGCGGCTCACCTTTCCCGCAGCCGAG 309
QY 301 CAGCCGAGCAGAGAGCTTGGGTCCGGTTCTATGCCAAACCTTGTACCGAGGTGATC 360
DB 310 CAGCCGAGCAGAGAGCTTGGGTCCGGTTCTATGCCAAACCTTGTACCGAGGTGATC 369
QY 361 GATCTTACCTGCAAGAGCTGCTTTCACCCAGTGAAGAGAGATGAAGAGGTGAG 420
DB 370 GATCTTACCTGCAAGAGCTGCTTTCACCCAGTGAAGAGAGATGAAGAGGTGAG 429
QY 421 GAGTTTGTGTTAGATTATGTGAGACCCCGGAGCAGGTGTGATCTTGTCAATTATCAC 480
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QY 481 CGAGAGATTAACGGGGAGCCAGATTAATGTTGCTTGTCTATATAGAGACTGTGGC 540
DB 490 CGAGAGATTAACGGGGAGCCAGATTAATGTTGCTTGTCTATATAGAGACTGTGGC 549
QY 541 ATGTTTGTCTACAGTAAGTAAATTAATGAGCAATGAGTGAATGAGTGGGTGTTG 600
DB 550 ATGTTTGTCTACAGTAAGTAAATTAATGAGCAATGAGTGAATGAGTGGGTGTTG 609
QY 601 TGGTAATTTTATTTTAAATTTTAAAGTTTAAAGATTTTAAAGATTTTAAAGATTT 660
DB 610 TGGTAATTTTATTTTAAATTTTAAAGTTTAAAGATTTTAAAGATTTTAAAGATTT 669
QY 661 TTTTAAAGTCTCTGTCTGAAGCTGAGCCGAGCCGAGCCGAGCCGAGCCGAGCCGAG 720
DB 670 TTTTAAAGTCTCTGTCTGAAGCTGAGCCGAGCCGAGCCGAGCCGAGCCGAGCCGAG 729
QY 721 GACCTACCGCGCTCTTAAATGGCGCTGCTATCTTGAGAGCCCGGACATCACTGTGT 780

DB 730 GACCTACCGCGCTCTTAAATGGCGCTGCTATCTTGAGAGCCCGGACATCACTGTGT 789
QY 781 CTAGAGATGAATAGTAGTAGAGTAGTGTGACTCCGGCTCTTAAACACACTCTTG 840
DB 790 CTAGAGATGAATAGTAGTAGAGTAGTGTGACTCCGGCTCTTAAACACACTCTTG 849
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DB 850 AGATACACCGGAGTGTCCGCTGTGCCCATTTAAACAGTTGCCGTGAGAGTGTGGC 909
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DB 910 GTCCCGCAGCTGTGGAATGTATCGAGACTTGTCTTAAAGAGCTTGGGCACTTTGACT 969
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DB 970 TGAGCTGTAAACGCCCGAGGCATTA 995

RESULT 4
LOCUS AR031950 1000 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 3 from patent US 5865550.
ACCESSION AR031950
VERSION AR031950.1 GI:5946239
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 1000)
AUTHORS Friesch, S.M.
TITLE Method of inhibiting replication of hyperproliferative cells using
a nucleic acid encoding E1A
JOURNAL Patent: US 5865550-A 3 02-FEB-1999;
FEATURES
Source
1..1000
/organism="unknown"
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ORIGIN

Query Match 100.0%; Score 986; DB 6; Length 1000;
Best Local Similarity 100.0%; Pred. No. 1e-263;
Matches 986; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGACATATTATCTGCGCAGAGAGTGTATTACCGAAGAAATGGCCGCACTTTTG 60
DB 10 ATGAGACATATTATCTGCGCAGAGAGTGTATTACCGAAGAAATGGCCGCACTTTTG 69
QY 61 GACCACTGATCGAAGAGTACTGCTGATTAATCTTCCACTCTTCCAGCATTTTGAACCA 120
DB 70 GACCACTGATCGAAGAGTACTGCTGATTAATCTTCCACTCTTCCAGCATTTTGAACCA 129
QY 121 CCTACCTTCAAGACTGATTAATTAAGCGAGCGCCCGCAAGATCCCAAGAGAG 180
DB 130 CCTACCTTCAAGACTGATTAATTAAGCGAGCGCCCGCAAGATCCCAAGAGAG 189
QY 181 GCGGTTTGCAGATTTTCCCGACTCTGTAATGTTGGCGTGACAGAAAGGATGACTTA 240
DB 190 GCGGTTTGCAGATTTTCCCGACTCTGTAATGTTGGCGTGACAGAAAGGATGACTTA 249
QY 241 CTCACCTTTCCGCGCGCGGCTTCTCGGAGCGGCTCACCTTTCCCGCAGCCGAG 300
DB 250 CTCACCTTTCCGCGCGCGGCTTCTCGGAGCGGCTCACCTTTCCCGCAGCCGAG 309
QY 301 CAGCCGAGCAGAGAGCTTGGGTCCGGTTCTATGCCAAACCTTGTACCGAGGTGATC 360
DB 310 CAGCCGAGCAGAGAGCTTGGGTCCGGTTCTATGCCAAACCTTGTACCGAGGTGATC 369
QY 361 GATCTTACCTGCAAGAGCTGCTTTCACCCAGTGAAGAGATGAAGAGGTGAG 420
DB 370 GATCTTACCTGCAAGAGCTGCTTTCACCCAGTGAAGAGATGAAGAGGTGAG 429
QY 421 GAGTTTGTGTTAGATTATGTGAGACCCCGGAGCAGGTGTGATCTTGTCAATTATCAC 480

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789
781 CTAGAGAAATACGGGGGACCCAGATATTATGTTGCTTGTCTATATGAGACTGTGAC
840
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910 GTGCGCAGGCTGTGAAATGTATGAGAGACTTGTCTTAAACGAGCTGTGGCAACCTTGGACT
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961 TGAGCTGTAAACGCCCGAGGCGCATAA 986
970 TGAGCTGTAAACGCCCGAGGCGCATAA 995

RESULT 5
120734 1000 bp DNA linear PAT 07-OCT-1996
LOCUS Sequence 1 from patent US 5516631.
DEFINITION 120734
ACCESSION 120734.1 GI:1601089
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. 1000
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN
Query Match 100.0%; Score 986; DB 6; Length 1000;
Best Local Similarity 100.0%; Pred. No. 1e-263;
Matches 986; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGACATTTATTCGCCACGAGAGTGTATTACGAGAGAAATGGCCGCACTTTTGG 60
DB 10 ATGAGACATTTATTCGCCACGAGAGTGTATTACGAGAGAAATGGCCGCACTTTTGG 69
QY 61 GACCAAGTATCGAAGAGTACTGCTGATTAATCTTCCACTCTGAGCCATTTTGAACA 120
DB 70 GACCAAGTATCGAAGAGTACTGCTGATTAATCTTCCACTCTGAGCCATTTTGAACA 129
QY 121 CTAACCTTTCACGAACTGTATGATTGACGTAACGAGCCCGCCGAGATCCCAACGAGAG 180

189
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310 CAGCCGAGACAGAGAGCTTGGAGTCCGGTTCTATGCCAAACCTTGTACCGGAGGTGATC 369
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370 GATCTTACCTGACAGAGGCTGCTTTTCCACCAGTGAACGAGAGATGAAGAGGTGAG 429
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490 CGAGAGAAATACGGGGGACCCAGATATTATGTTGCTTGTCTATATGAGACTGTGAC 549
541 ATGTTTGTCTACAGTAAGTGAATAATATGAGGAGTGTGATGAGTGTGGTTGGTG 600
550 ATGTTTGTCTACAGTAAGTGAATAATATGAGGAGTGTGATGAGTGTGGTTGGTG 609
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661 TTTTAAAGGTCCTGTGTCTGAACCTGAGCTGAGCCGAGCCGAGCAACCGAGCCCTGCAA 720
670 TTTTAAAGGTCCTGTGTCTGAACCTGAGCTGAGCCGAGCCGAGCAACCGAGCCCTGCAA 729
721 GACCTTACCGGCGCTCTTAAATATGAGGCTGTCTATCTTGAAGAGCCCGGACATACCTGTGT 780
730 GACCTTACCGGCGCTCTTAAATATGAGGCTGTCTATCTTGAAGAGCCCGGACATACCTGTGT 789
781 CTAGAGAAATACGGGGGACCCAGATATTATGTTGCTTGTCTATATGAGACTGTGAC 840
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850 AGATACACCCGGGTGTGTCCTGTGTCGCCATTAACCAAGTTGCGTGAAGATTGTGGGC 909
901 GTGCGCAGGCTGTGAAATGTATGAGAGACTTGTCTTAAACGAGCTGTGGCAACCTTGGACT 960
910 GTGCGCAGGCTGTGAAATGTATGAGAGACTTGTCTTAAACGAGCTGTGGCAACCTTGGACT 969
961 TGAGCTGTAAACGCCCGAGGCGCATAA 986
970 TGAGCTGTAAACGCCCGAGGCGCATAA 995

RESULT 6
120735 1000 bp DNA linear PAT 07-OCT-1996
LOCUS Sequence 3 from patent US 5516631.
DEFINITION 120735
ACCESSION 120735.1 GI:1601090
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
Method of inhibiting replication of hyperproliferative cells
Fisch, S.M.

JOURNAL Patent: US 5516631-A 3 14-MAY-1996;
FEATURES Location/Qualifiers
source 1..1000
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Query Match 100.0%; Score 986; DB 6; Length 1000;
Best Local Similarity 100.0%; Pred. No. 1e-263;
Matches 986; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGACATATTAATCTGCAAGAGGTGTTATTAACGAGAAATGCGCCAGTCTTTG 60
DB 10 ATGAGACATATTAATCTGCAAGAGGTGTTATTAACGAGAAATGCGCCAGTCTTTG 69
QY 61 GACCACTGATCGAAGAGTACTGGTGAATCTTCCACTCTCTAGCAATTTGAACA 120
DB 70 GACCACTGATCGAAGAGTACTGGTGAATCTTCCACTCTCTAGCAATTTGAACA 129
QY 121 CTTACCTTCAAGACCTGATGATTTAGAGTGACGCGCCCGCAAGATCCCAAGAGAG 180
DB 130 CTTACCTTCAAGACCTGATGATTTAGAGTGACGCGCCCGCAAGATCCCAAGAGAG 189
QY 181 GCGGTTTCGAGAAATTTTCCGCACTGTATGTTGGCGGTGAGAAAGGATTTGACTTA 240
DB 190 GCGGTTTCGAGAAATTTTCCGCACTGTATGTTGGCGGTGAGAAAGGATTTGACTTA 249
QY 241 CTCACCTTTCCGCGCGCCGCGTCTCCGAGCGGCTCACTTTCCGCGAGCCCGAG 300
DB 250 CTCACCTTTCCGCGCGCCGCGTCTCCGAGCGGCTCACTTTCCGCGAGCCCGAG 309
QY 301 CAGCCGAGACGAGAGGCTTGGGTCCGTTTCTATGCGCAACCTTGTACCGAGAGTATC 360
DB 310 CAGCCGAGACGAGAGGCTTGGGTCCGTTTCTATGCGCAACCTTGTACCGAGAGTATC 369
QY 361 GATCTTACTGCAAGAGGCTGCTTTCACCCAGTACGACGAGATGAGAGGAGT 420
DB 370 GATCTTACTGCAAGAGGCTGCTTTCACCCAGTACGACGAGATGAGAGGAGT 429
QY 421 GAGTTTGTGTAATGATATGAGACACCCCGGACCGGTTGCAAGTCTTGTCAATATCAC 480
DB 430 GAGTTTGTGTAATGATATGAGACACCCCGGACCGGTTGCAAGTCTTGTCAATATCAC 489
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QY 541 ATGTTTGTCTACAGTAAGTAAATTAATGAGCAGTGGGTGATAGAGTGGTGGT 600
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QY 601 TGGTAATTTTTTTTTTAATTTTAAACAGTTTGTGGTTTAAAGAAATTTTGTGATTT 660
DB 610 TGGTAATTTTTTTTTTAATTTTAAACAGTTTGTGGTTTAAAGAAATTTTGTGATTT 669
QY 661 TTTTAAAGAGGCTGCTGATGAGACCTGAGCCCGGACCGAAGACCGAGGCTGCAA 720
DB 670 TTTTAAAGAGGCTGCTGATGAGACCTGAGCCCGGACCGAAGACCGAGGCTGCAA 729
QY 721 GACCTACCCGCGCTCTTAAATGAGCGCTGCTATCTGAGACGCGCCGACATCACTGTGT 780
DB 730 GACCTACCCGCGCTCTTAAATGAGCGCTGCTATCTGAGACGCGCCGACATCACTGTGT 789
QY 781 CTAAGAGATGCAATATGATGATCGATAGCTGTGACTCGGCTCTTTCAACCACTCTCTG 840
DB 790 CTAAGAGATGCAATATGATGATCGATAGCTGTGACTCGGCTCTTTCAACCACTCTCTG 849
QY 841 AGATACACCCGCTGGTCCGCTGTGCCCATTTAAACAGTGGCGGTGAGAGTGGTGGG 900
DB 850 AGATACACCCGCTGGTCCGCTGTGCCCATTTAAACAGTGGCGGTGAGAGTGGTGGG 909
QY 901 GTCCGACAGGCTGTGATGATCGAGAGCTTGTCTTAACAGAGCTGGGCACTTTTGAAGT 960

DB 910 GTCCGACAGGCTGTGATGATCGAGAGCTTGTCTTAACAGAGCTGGCAACTTTGAGCT 969
QY 961 TGAAGCTTAAGCCCGAGGCCATTA 986
DB 970 TGAAGCTTAAGCCCGAGGCCATTA 995

RESULT 7
AR304631 1000 bp mRNA linear PAT 12-JUN-2003
LOCUS Sequence 1 from patent US 6544955.
DEFINITION
AR304631
ACCESSION
AR304631.1 GI:31693815
VERSION
KEYWORDS
SOURCE
ORGANISM
Unknown.
REFERENCE
1 (bases 1 to 1000)
Friesch, S.M.
TITLE
Method of sensitizing tumor cells with adenovirus E1A
JOURNAL
Patent: US 6544955-A 1 08-APR-2003;
FEATURES
source 1..1000
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ORIGIN

Query Match 100.0%; Score 986; DB 6; Length 1000;
Best Local Similarity 100.0%; Pred. No. 1e-263;
Matches 986; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGACATATTAATCTGCAAGAGGTGTTATTAACGAGAAATGCGCCAGTCTTTG 60
DB 10 ATGAGACATATTAATCTGCAAGAGGTGTTATTAACGAGAAATGCGCCAGTCTTTG 69
QY 61 GACCACTGATCGAAGAGTACTGGTGAATCTTCCACTCTCTAGCAATTTGAACA 120
DB 70 GACCACTGATCGAAGAGTACTGGTGAATCTTCCACTCTCTAGCAATTTGAACA 129
QY 121 CTTACCTTCAAGACCTGATGATTTAGAGTGACGCGCCCGCAAGATCCCAAGAGAG 180
DB 130 CTTACCTTCAAGACCTGATGATTTAGAGTGACGCGCCCGCAAGATCCCAAGAGAG 189
QY 181 GCGGTTTCGAGAAATTTTCCGCACTGTATGTTGGCGGTGAGAAAGGATTTGACTTA 240
DB 190 GCGGTTTCGAGAAATTTTCCGCACTGTATGTTGGCGGTGAGAAAGGATTTGACTTA 249
QY 241 CTCACCTTTCCGCGCGCCGCGTCTCCGAGCGGCTCACTTTCCGCGAGCCCGAG 300
DB 250 CTCACCTTTCCGCGCGCCGCGTCTCCGAGCGGCTCACTTTCCGCGAGCCCGAG 309
QY 301 CAGCCGAGACGAGAGGCTTGGGTCCGTTTCTATGCGCAACCTTGTACCGAGAGTATC 360
DB 310 CAGCCGAGACGAGAGGCTTGGGTCCGTTTCTATGCGCAACCTTGTACCGAGAGTATC 369
QY 361 GATCTTACTGCAAGAGGCTGCTTTCACCCAGTACGACGAGATGAGAGGAGT 420
DB 370 GATCTTACTGCAAGAGGCTGCTTTCACCCAGTACGACGAGATGAGAGGAGT 429
QY 421 GAGTTTGTGTAATGATATGAGACACCCCGGACCGGTTTCAAGTCTTGTCAATATCAC 480
DB 430 GAGTTTGTGTAATGATATGAGACACCCCGGACCGGTTTCAAGTCTTGTCAATATCAC 489
QY 481 CGAGGAAATCGGGGACCCAGATTAATGTTGCTGCTATGAGAGGAGTCTGAGG 540
DB 490 CGAGGAAATCGGGGACCCAGATTAATGTTGCTGCTATGAGAGGAGTCTGAGG 549
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Db 730 GACCTACCCCGCTCTTAAATGGCGCTGTCTATCTTGAGACCGCCGACATCACTGTGT 789
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Qy 841 AGATACACCCCGTGTCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 900
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Qy 901 GTGCGCAGGCTGTGGAATGTATCGAGAGACTTGCTTAACAGAGCTTGAGCAACTTGTGACT 960
Db 910 GTGCGCAGGCTGTGGAATGTATCGAGAGACTTGCTTAACAGAGCTTGAGCAACTTGTGACT 969
Qy 961 TGAGCTGTAAAGCCCGCAGGCCATTA 986
Db 970 TGAGCTGTAAAGCCCGCAGGCCATTA 995

RESULT 8
LOCUS AR304632 1000 bp. mRNA linear PAT 12-JUN-2003
DEFINITION Sequence 3 from patent US 6544955.
ACCESSION AR304632
VERSION AR304632.1 GI:31693816
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 1000)
AUTHORS Fritsch,S.M.
TITLE Method of sensitizing tumor cells with adenovirus E1A
JOURNAL Patent: US 6544955-A 3 08-Apr-2003;
FEATURES
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location/Qualifiers
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/mol_type="mRNA"

ORIGIN
Query Match 100.0%; Score 986; DB 6; Length 1000;
Best Local Similarity 100.0%; Pred. No. 1e-263;
Matches 986; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATGAGACATATTATCTGCGACGAGAGGTGTTATTAACGAAAGAAATGGCCGACGCTTTTG 60
Db 10 ATGAGACATATTATCTGCGACGAGAGGTGTTATTAACGAAAGAAATGGCCGACGCTTTTG 69
Qy 61 GACGAGCTGATCGAAGAGTACTGCTGATATCTTCACTCTAGCCATTTTGAACA 120
Db 70 GACGAGCTGATCGAAGAGTACTGCTGATATCTTCACTCTAGCCATTTTGAACA 129
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Db 130 CCTACCTTCAGAACTGATATTTAGACGTGACGCGCCCGAAGATCCCAAGAGAG 189
Qy 181 GCGGTTTCGAGATTTTCCGACTCTGTAATGTTGGCGGTGCGAAGAGGATGACTTA 240
Db 190 GCGGTTTCGAGATTTTCCGACTCTGTAATGTTGGCGGTGCGAAGAGGATGACTTA 249
Qy 241 CTGACTTTTCGCGCGGCGCGGTTTCCTCGGAGCGGCTCACTTCCCGGAGCGCGAG 300
Db 250 CTGACTTTTCGCGCGGCGCGGTTTCCTCGGAGCGGCTCACTTCCCGGAGCGCGAG 309
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Db 360 CAGCCGAGCAGAGAGCCTTGGGTCCGGTTTCTATGCCAACTTGTACCGGAGGTGATC 369
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Db 370 GATCTTACCTGCGCAGAGGCTGCTTTTCACCCAGTGAAGAGAGTGAAGAGGTTGAG 429
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Qy 481 CCGAGGATATACGGGGGACCCAGATATTATGTTGCTTGTCTATATAGAGACTGTGAGC 540
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Db 610 TGGTAATTTTTTTTTTAAATTTTACAGTTTGTGTTAAAGAAATTTGTATTGTGATT 669
Qy 661 TTTTAAAGGCTCTGTCTGAACTTGAGCTTGAGCCCGAGCAGAACCCGAGCTTGCAA 720
Db 670 TTTTAAAGGCTCTGTCTGAACTTGAGCTTGAGCCCGAGCAGAACCCGAGCTTGCAA 729
Qy 721 GACCTACCCCGCTCTTAAATGGCGCTGTCTATCTTGAGAGCGCCGACATCACTGTGT 780
Db 730 GACCTACCCCGCTCTTAAATGGCGCTGTCTATCTTGAGAGCGCCGACATCACTGTGT 789
Qy 781 CTAGAGATGGAATAGATAGATAGATAGATAGATAGATAGATAGATAGATAGATAGAT 840
Db 790 CTAGAGATGGAATAGATAGATAGATAGATAGATAGATAGATAGATAGATAGATAGAT 849
Qy 841 AGATACACCCCGTGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 900
Db 850 AGATACACCCCGTGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 909
Qy 901 GTGCGCAGGCTGTGGAATGTATCGAGAGACTTGCTTAACAGAGCTTGAGCAACTTGTGACT 960
Db 910 GTGCGCAGGCTGTGGAATGTATCGAGAGACTTGCTTAACAGAGCTTGAGCAACTTGTGACT 969
Qy 961 TGAGCTGTAAAGCCCGCAGGCCATTA 986
Db 970 TGAGCTGTAAAGCCCGCAGGCCATTA 995

RESULT 9
LOCUS AY147066 1055 bp. DNA linear VRL 16-SEP-2002
DEFINITION Human adenovirus type 5 E1A protein gene, complete cds.
ACCESSION AY147066
VERSION AY147066.1 GI:22947855
KEYWORDS
SOURCE Human adenovirus type 5
ORGANISM Human adenovirus type 5
REFERENCE 1 (bases 1 to 1055)
AUTHORS Li,L., Wang,Z., Su,W., Yu,W. and Ma,Y.
TITLE Direct Submision
JOURNAL Submitted (03-SEP-2002) Institute of Orthopedics, Xijing Hospital,
17# Changle West Road, Xi'an, Shaanxi 710032, P.R. China
FEATURES
source 1..1055
location/Qualifiers
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ORIGIN

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Query Match 100.0%; Score 986; DB 14; Length 1055;
 Best Local Similarity 100.0%; Pred. No. 1e-263;
 Matches 986; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 61 GACCACTGATCGAAGAGTACTGGCTGATTAATCTTCACTCTTCAAGCATTTTGAACA 120
 104 GACCACTGATCGAAGAGTACTGGCTGATTAATCTTCACTCTTCAAGCATTTTGAACA 163
 121 CCTACCCCTTCAGAACTGATTAATGATGAGGCGCCCGAAGATCCCAAGAGAG 180
 164 CCTACCCCTTCAGAACTGATTAATGATGAGGCGCCCGAAGATCCCAAGAGAG 223
 181 GCGGTTTCGAGATTTTCCCGACTCTGTAAATGTTGGCGTGCAGAAAGGATTTGACTTA 240
 224 GCGGTTTCGAGATTTTCCCGACTCTGTAAATGTTGGCGTGCAGAAAGGATTTGACTTA 283
 241 CTCACTTTTCGCGCGCGCGGCTTCGCGAGCCGCTCACTTTCCCGGACGCCGAG 300
 284 CTCACTTTTCGCGCGCGCGGCTTCGCGAGCCGCTCACTTTCCCGGACGCCGAG 343
 301 CAGCCGAGCAGAGAGCCTTGCGGCTCTGATTCAGAACTTGTACCGAGAGTATC 360
 344 CAGCCGAGCAGAGAGCCTTGCGGCTCTGATTCAGAACTTGTACCGAGAGTATC 403
 361 GATCTTACCTGCGCAGAGGCTGCTTTCACCCAGTGAAGAGAGATGAAGAGGATGAG 420
 404 GATCTTACCTGCGCAGAGGCTGCTTTCACCCAGTGAAGAGAGATGAAGAGGATGAG 463
 421 GAGTTTGTGTTAGATTATGTTAGAGACCCCGGCGACCGGTTGCAAGGTTCTTTCATTTATAC 480
 464 GAGTTTGTGTTAGATTATGTTAGAGACCCCGGCGACCGGTTGCAAGGTTCTTTCATTTATAC 523
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 644 TGGTAATTTTTTTTTTAAATTTTAAAGTTTGTGTTTAAAGAAATTTTGTATGATTT 703
 661 TTTTAAAGAGTCTGTGTCTGAACCTGAGCCGAGCCGAGCAGAAACCGAGAGCTGTGAA 720
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 824 CTAGAGATGCAATAGTATGAGATGAGATGAGATGAGATGAGATGAGATGAGATGAGATGAG 883
 841 AGATACACCCGGTGTCCGCTGTGCCCCATTAACAGATTGCGTGAAGATTGTGGGC 900
 884 AGATACACCCGGTGTCCGCTGTGCCCCATTAACAGATTGCGTGAAGATTGTGGGC 943
 901 GTGCGAGGCTGTGATGATGAGAGATGCTTAAAGAGCTGTGGCACTTTTGAAGT 960

Db 944 GTGCGAGGCTGTGATGATGAGAGATGCTTAAAGAGCTGTGGCAACTTTGAGCT 1003
 Oy 961 TGAGCTGTAAAGCCCGAGGCCATTA 986
 Db 1004 TGAGCTGTAAAGCCCGAGGCCATTA 1029

RESULT 10

AX817767
 LOCUS AX817767 1802 bp DNA linear PAT 10-DEC-2003
 DEFINITION Sequence 3 from Patent WO02067861.
 ACCESSION AX817767
 VERSION AX817767.1 GI:39722964
 KEYWORDS
 SOURCE
 ORGANISM
 other sequences; artificial sequences.
 REFERENCE
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 AUTHORS
 TITLE
 JOURNAL
 FEATURES
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ORIGIN

Query Match 100.0%; Score 986; DB 6; Length 1802;
 Best Local Similarity 100.0%; Pred. No. 1e-263;
 Matches 986; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 ATGAGACATATTATTCGCCAGAGGCTTTATTCAGAAAGATGCGCCAGCTTTTG 60
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 61 GACCACTGATCGAAGAGTACTGGCTGATTAATCTTCACTCTTCAAGCATTTTGAACA 120
 642 GACCACTGATCGAAGAGTACTGGCTGATTAATCTTCACTCTTCAAGCATTTTGAACA 701
 121 CCTACCTTCAGAACTGATTAATGATGAGAGTGAAGAGTGAAGAGTGAAGAGTGAAGAG 180
 702 CCTACCTTCAGAACTGATTAATGATGAGAGTGAAGAGTGAAGAGTGAAGAGTGAAGAG 761
 181 GCGGTTTCGAGATTTTCCCGACTCTGTAAATGTTGGCGTGCAGAAAGGATTTGACTTA 240
 762 GCGGTTTCGAGATTTTCCCGACTCTGTAAATGTTGGCGTGCAGAAAGGATTTGACTTA 821
 241 CTCACTTTTCGCGCGCGCGGCTTCGCGAGCCGCTCACTTTCCCGGACGCCGAG 300
 822 CTCACTTTTCGCGCGCGCGGCTTCGCGAGCCGCTCACTTTCCCGGACGCCGAG 881
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 882 CAGCCGAGCAGAGAGCCTTGCGGCTCTGATTCAGAACTTGTACCGAGAGTATC 941
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 942 GATCTTACCTGCGCAGAGGCTGCTTTCACCCAGTGAAGAGAGATGAAGAGGATGAG 1001
 421 GAGTTTGTGTTAGATTATGTTAGAGACCCCGGCGACCGGTTGCAAGGATTTGACTTAAC 480
 1002 GAGTTTGTGTTAGATTATGTTAGAGACCCCGGCGACCGGTTGCAAGGATTTGACTTAAC 1061
 481 CCGAGGAATACGGGGGAGCCAGATTAATTAATGTTGCTTGTATATGAGAGAGCTGTGGC 540
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Db 1122 ATGTTGCTACAGTAAGTAAATTTATGCGAGTGGGATGATAGAGTGTTGGTG 1181
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Db 1182 TGGTAATTTTTTTTTTAAATTTTACAGTTTGTGGTTAAAGAAATTTGTAATTTGATTT 1241
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Qy 721 GACCTACCCGCGCTTAAATAGCGCTGCTATCTGAGACGCGCGACATCACTGTGT 780
Db 1302 GACCTACCCGCGCTTAAATAGCGCTGCTATCTGAGACGCGCGACATCACTGTGT 1361
Qy 781 CTAGGAATGCAATGTAGTACGATAGTGTGACTCCGGTCTTCTTAACACACTCTGT 840
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Db 1482 GTCCGACGCTGTGGAATGTATCGAGACTTGTCTTAACGAGCCTGGCAACCTTTGACT 1541
Qy 961 TGAGCTGTAAAGCCCCCAGGCCATTA 986
Db 1542 TGAGCTGTAAAGCCCCCAGGCCATTA 1567

RESULT 11
AX838364 1802 bp DNA linear PAT 15-DEC-2003
LOCUS AX838364 Sequence 3 from Patent WO02068627.
DEFINITION AX838364
ACCESSION AX838364
VERSION AX838364.1 GI:39922045
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 other sequences; artificial sequences.
AUTHORS
TITLE Vector constructs
JOURNAL Patent: WO 02068627-A 3 06-SEP-2002;
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source Location/Qualifiers
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Query Match 100.0%; Score 986; DB 6; Length 1802;
Best Local Similarity 100.0%; Pred. No. 1,1e-263; Indels 0; Gaps 0;
Matches 986; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATGAGCATATTAATCTGCCACGAGGTGTTATTAACGAAAGAAATGCGCGCACTCTTTTG 60
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Qy 121 CCTACCTTCACGAACTGTATGATTTAGACGTGACGCGCCCGAGAGATCCCAAGAGAG 180
Db 702 CCTACCTTCACGAACTGTATGATTTAGACGTGACGCGCCCGAGAGATCCCAAGAGAG 761
Qy 181 GCGGTTGCGAATTTTTCCGACTCTGTAAATTTGGCGGTGACGAAAGGATTTGACTTA 240

Db 762 GCGGTTGCGAATTTTTCCGACTCTGTAAATTTGGCGGTGACGAAAGGATTTGACTTA 821
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Db 822 CTACCTTTCCGCGCGCGCGCGCTTCTCCGAGCGCGCTCACTTTCCGCGACCGGAG 881
Qy 301 CAGCCGAGCAGAGAGCTTGGGTCCGATTTCTATGCGCAACCTTTGATCCGAGATGTC 360
Db 882 CAGCCGAGCAGAGAGCTTGGGTCCGATTTCTATGCGCAACCTTTGATCCGAGATGTC 941
Qy 361 GATCTTACCTGCGACGAGGCTGGCTTTCCACCGATGACGAGATGAAGAGGTGAG 420
Db 942 GATCTTACCTGCGACGAGGCTGGCTTTCCACCGATGACGAGATGAAGAGGTGAG 1001
Qy 421 GAGTTTGTTAGTAAATGTGAGACACCCGCGGACGGTTGACAGTCTTGATTAATCAC 480
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Qy 481 CGAGGAATACGCGGAGACCCAGATATTAATGTGTGCTTTGCTATATGAGGACCTGTGGC 540
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Db 1422 AGATACACCCGGTGGTCCGCTGTGCCCCCAATTAAACAGTTGCCGTGAGATTGGTGGG 1481
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Db 1482 GTCCGACGCTGTGGAATGTATCGAGACTTGTCTTAACGAGCCTGGCAACCTTTGACT 1541
Qy 961 TGAGCTGTAAAGCCCCCAGGCCATTA 986
Db 1542 TGAGCTGTAAAGCCCCCAGGCCATTA 1567

RESULT 12
AX770195 3408 bp DNA linear PAT 02-JUL-2003
LOCUS AX770195 Sequence 6 from Patent WO03035883.
DEFINITION AX770195
ACCESSION AX770195
VERSION AX770195.1 GI:32437735
KEYWORDS
SOURCE Human adenovirus type 5
ORGANISM Human adenovirus type 5
REFERENCE 1 Human adenoviruses, no RNA stage; Adenoviridae; Mastadenovirus.
AUTHORS Hochberg, A. and Ayesh, S.
TITLE Methods and compositions for inducing tumor-specific cytotoxicity
JOURNAL Patent: WO 03035883-A 6 01-MAY-2003;
Yisum Research and Development Co. of the Hebrew Univ of Jerusalem (IL)
FEATURES
source Location/Qualifiers
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ORIGIN

Query Match	100.0%;	Score 986;	DB 6;	Length 3408;
Best Local Similarity	100.0%;	Pred. No. 1.3e-263;		
Matches 986;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

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QY	61	GACCACTGATGGAAGAGTACTGCGGTGATTAATCTTCCACTCTTAGCCATTTTGAACA	120
Db	104	GACCACTGATGGAAGAGTACTGCGGTGATTAATCTTCCACTCTTAGCCATTTTGAACA	163
QY	121	CCTACCCCTTACGAACTGTATGATTTTAAAGACGTAGCGGCCCCCGAATATCCAAACGAGAG	180
Db	164	CCTACCCCTTACGAACTGTATGATTTTAAAGACGTAGCGGCCCCCGAATATCCAAACGAGAG	223
QY	181	GCGGTTTCGACAGATTTTTCGCACTCTGTAAATGTTGCGGCTGACGGAAGGGAATTAAGCTTA	240
Db	224	GCGGTTTCGACAGATTTTTCGCACTCTGTAAATGTTGCGGCTGACGGAAGGGAATTAAGCTTA	283
QY	241	CTCACTTTTCCGCGCGCGCCGGTCTCCGAGACCGCCCTCACTTTCCCGGACGCCGAG	300
Db	284	CTCACTTTTCCGCGCGCGCCGGTCTCCGAGACCGCCCTCACTTTCCCGGACGCCGAG	343
QY	301	CAGCCGGACAGAGACCTTGGGTCGGGTTTCTAATGCAAACTTGTACCGAGAGTGATC	360
Db	344	CAGCCGGACAGAGACCTTGGGTCGGGTTTCTAATGCAAACTTGTACCGAGAGTGATC	403
QY	361	GATCTTACCTGCGACAGAGCTGGCTTTCCACCAGTGAAGACGAGATGAAGAGGTGAG	420
Db	404	GATCTTACCTGCGACAGAGCTGGCTTTCCACCAGTGAAGACGAGATGAAGAGGTGAG	463
QY	421	GAGTTGTGTAAATTAATGTAGAGCAACCCCGGACAGTGTGACAGTCTTGTCAATTAC	480
Db	464	GAGTTGTGTAAATTAATGTAGAGCAACCCCGGACAGTGTGACAGTCTTGTCAATTAC	523
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Db	704	TTTTTAAAGTCTGTGTCTGAACCTGAGGCCGAGCCGAGCAAGAACGGAGCTTGCAA	763
QY	721	GACCTAACCGCGCTCTTAAATATGCGCTGTCTATCTGTAGACGCGCCGACATCACTGTGT	780
Db	764	GACCTAACCGCGCTCTTAAATATGCGCTGTCTATCTGTAGACGCGCCGACATCACTGTGT	823
QY	781	CTAAGAAATGCAATTAGTAGCAGATAGCTGTGATCTCGGCTCTTCAACACACTTCTTG	840

Db	824	CTAAGAGATGCATTAAGTAAACGATAGCTGTGACTCCGGTCTTTAAACACACTTCTTG	883
OY	841	AGATACACCCGGTGTGTCCCGCTGTGCCCATTTAACAGATTGCCGTGAGATTGTGGGC	900
Db	884	AGATTACACCGGTGTGTGTCCCGCTGTGTGCCCATTAACCAAGTTGCCGTGAGATTGTGTGGGC	943
OY	901	GTGGCCAGGCTGTGTGAATGTATCGAGACCTTGCTTAACGAGCCGTGGGCAACCTTTGACT	960
Db	944	GTCCCGAGGCTGTGAATGTATTCAGAGACTTGTCTTAACGAGCCTGGGGCAACCTTTGGACT	1003
OY	961	TGAGCTGTAAACGCCCCAGGCCATTA	986
Db	1004	TGAGCTGTAAACGCCCCAGGCCATTA	1029

RESULT	13			
ARJ10582				
LOCUS	ARJ10582	7090 bp	DNA	linear
DEFINITION	Sequence 18 from patent US 6558948.			PAT 12-JUN-2003
ACCESSION	ARJ10582			
VERSION	ARJ10582.1	GI:31703596		
KEYWORDS	.			
SOURCE	Unknown.			
ORGANISM	Unknown.			
REFERENCE	Unclassified.			
AUTHORS	1 (bases 1 to 7090)			
TITLE	Kochanek S. and Schledner G. Permanent amniocytic cell line, its production and use for the production of gene transfer vectors			
JOURNAL	Patent: US 6558948-A 18 06-MAY-2003;			
FEATURES	Location/Qualifiers			
source	1..7090			"Unlabeled"

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/mol_type="genomic DNA"
ORIGIN

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Query Match	100.0%;	Score 986;	DB 6;	Length 7090;
Best Local Similarity	100.0%;	Pred. No. 1.5e-263;		
Matches 986; Conservative	0;	Mismatches	0;	Indels 0; Gaps 0;

QY	1	ATGAGACATTTATATCTGGCAGAGAGTGTATTATACCGAAGAAATGGCCGACGCTTTTG	60
Db	2808	ATGAAACATATTATATCTGGCAGAGAGTGTATTATACCGAAGAAATGGCCGACGCTTTTG	286
QY	61	GACCAGCTGATCGAAGAGTACTGGCTGTATATCTTCCACTCTAGCCATTTTGAACA	120
Db	2868	GACCAGCTGATCGAAGAGTACTGGCTGTATATCTTCCACTCTAGCCATTTTGAACA	292
QY	121	CCTAACCTTTCACGAACGTATGATTTAAGCGTGAACGGCCCCCGAAGATCCCAACGAGAG	180
Db	2928	CCTAACCTTTCACGAACGTATGATTTAAGCGTGAACGGCCCCCGAAGATCCCAACGAGAG	298
QY	181	GCGGTTTGGCAGATTTTCCGACTCTGTAAATGTGGCGGTGCAGAAAGGATTACTTA	240
Db	2988	GCGGTTTGGCAGATTTTCCGACTCTGTAAATGTGGCGGTGCAGAAAGGATTACTTA	304
QY	241	CTCACTTTTCCGCGCGCGCGGTTCTCGAGACCGCCTCACCTTTCCCGGACGCCGAG	300
Db	3048	CTCACTTTTCCGCGCGCGCGGTTCTCGAGACCGCCTCACCTTTCCCGGACGCCGAG	310
QY	301	CAGCCGGAGCAGAGAGCCTTGGGTCCTCGGTTTATATGCCAAACTCTGTACCGGAGGTGATC	360
Db	3108	CAGCCGGAGCAGAGAGCCTTGGGTCCTCGGTTTATATGCCAAACTCTGTACCGGAGGTGATC	316
QY	361	GATCTTAACTGCGACAGAGCTGGCTTTTCCACCAGTGAACAGAGAGATGAAAGGGTGA	420
Db	3168	GATCTTAACTGCGACAGAGCTGGCTTTTCCACCAGTGAACAGAGAGATGAAAGGGTGA	322
QY	421	GAGTTTGGTTGATTTATGTGAGACCCCGGGACAGGTGACAGTCTGTCAATTATCAC	480
Db	3228	GAGTTTGGTTGATTTATGTGAGACCCCGGGACAGGTGACAGTCTGTCAATTATCAC	328

Qy	481	CGGAGGAATTACGGGGGACCCGACATATTAATGATGTGCGCTGCTCATATATGAGGACCTGTGGC	540
Db	3288	CGGAGGAATTACGGGGGACCCGAGATTATTAATGATGTGCGCTTCTCATATGAGGACCTGTGGC	3347
Qy	541	ATGATTTGTCTACAGTAAGTGAATAAATTATAGGCGAGTGGGTGATGAGTGGTGGTTGGTG	600
Db	3348	ATGTTTGTCTACAGTAAGTGAATAAATTATAGGCGAGTGGGTGATGAGTGGTGGTTGGTG	3407
Qy	601	TGATTAATTTTTTTTTTAATTTTTTACAGTTTGTGTGTTAAAGAAATTTGTATTTGTGATTT	660
Db	3408	TGATTAATTTTTTTTTTAATTTTTTACAGTTTGTGTGTTAAAGAAATTTGTATTTGTGATTT	3467
Qy	661	TTTTAAAGAGCTGTGTCTGACCACTGAGCCGAGCCGAGCCAGAACCGGAGCCTGCAA	720
Db	3468	TTTTAAAGAGTCTGTGTCTGACCTGAGCCGAGCCGAGCCAGAACCGGAGCCTGCAA	3527
Qy	721	GACCTACCCGCGCTCTTAAATATGGCGCTGTATCTGAGACGCCCGACATCACTGTGT	780
Db	3528	GACCTACCCGCGCTCTTAAATATGGCGCTGTATCTGAGACGCCCGACATCACTGTGT	3587
Qy	781	CTAGAGAAATGCAATAGTAGTAACGAGTACTGTGATCGGATCCTTCTTAACAACACTCTG	840
Db	3588	CTAGAGAAATGCAATAGTAGTAACGAGTACTGTGATCGGATCCTTCTTAACAACACTCTG	3647
Qy	841	AGATACACCCCGGTGTGCCCGCTGTGCCCCCATTTAAACAGTTGCCGTGAGAGTTGGTGGC	900
Db	3648	AGATACACCCCGGTGTGCCCGCTGTGCCCCCATTTAAACAGTTGCCGTGAGAGTTGGTGGC	3707
Qy	901	GTCGCCAGAGCTGTGGAAATGTATCGAGGACTTGTCTTAACAGAGCTGGGCAACTTTTGACT	960
Db	3708	GTCGCCAGAGCTGTGGAAATGTATCGAGGACTTGTCTTAACAGAGCTGGGCAACTTTTGACT	3767
Qy	961	TGAGCTGTAAACGCCGCCAGGCCATTA	986
Db	3768	TGAGCTGTAAACGCCGCCAGGCCATTA	3793
RESULT 14			
LOCUS	AX150263	7090 bp	DNA linear PAT 08-JUN-2001
DEFINITION	Sequence 18 from Patent WO0136615.		
ACCESSION	AX150263		
VERSION	AX150263.1	GI:14348283	
KEYWORDS	synthetic construct		
SOURCE	synthetic construct		
ORGANISM	other sequences; artificial sequences.		
REFERENCE	1		
AUTHORS	Kochanek,S. and Schlieder,G.		
JOURNAL	Permanent amniocyte cell line, the production thereof and its use for producing gene transfer vectors		
FEATURES	Patent: WO 0136615-A 18 25-MAY-2001;		
source	Kochanek, Stefan (DE)		
	Location/Qualifiers		
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ORIGIN	Query Match	100.0%;	Score 986;	DB 6;	Length 7090;
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QY	1	ATGAGACATATTATCTGCCACGAGAGTGTATTACGAGAAATGCCCGCAGTCTTTTG	60		
Db	2808	ATGAGACATATTATCTGCCACGAGAGTGTATTACGAGAAATGCCCGCAGTCTTTTG	2867		
QY	61	GACCAAGCTGATCGAAGAGAGTACTGGCTGATATCTTCCACTCTCCATGCCATTTTGAACCA	120		
Db	2868	GACCAAGCTGATCGAAGAGAGTACTGGCTGATATCTTCCACTCTCCATGCCATTTTGAACCA	2927		

OY	12	CTAACCCCTTCAAGAACTGTATATGATTAGATGAGTGAAGCCGCCCGAAGATCCCAAGAGAG	180
Db	2928	CTTACCCCTTCAAGAACTGTATATGATTAGATGAGTGAAGCCGCCCGAAGATCCCAAGAGAG	2987
OY	181	GCGGTTTTCCAGATATTTTCCCGACTCTGTAAATGTGGCGGTGCAGAAAGGATTTGACTTA	240
Db	2988	GCGGTTTTCCAGATATTTTCCCGACTCTGTAAATGTGGCGGTGCAGAAAGGATTTGACTTA	3047
OY	241	CTGACTTTTCCGGCGCGCGCGGTCTCCCGAAGCGGCTCACTTTCCCGGACGCCGAG	300
Db	3048	CTGACTTTTCCGGCGCGCGCGGTCTCCCGAAGCGGCTCACTTTCCCGGACGCCGAG	3107
OY	301	CAGCCGGAGCAGAGAGCCTTGGGTCCGGATTTCTATGCGMAACTTTGATCCGAGGTGATC	360
Db	3108	CAGCCGGAGCAGAGAGCCTTGGGTCTCCGGATTTCTATGCGMAACTTTGATCCGAGGTGATC	3167
OY	361	GATCTTACCTTCCCAAGAGCTGGCTTTCCACCAGTGAACAACAAGAGATGAAGAGGTGAG	420
Db	3168	GATCTTACCTTCCCAAGAGCTGGCTTTCCACCAGTGAACAACAAGAGATGAAGAGGTGAG	3227
OY	421	GAGTTTGTGTAGATTATGTGAGACACCCCGGAGACGGTTGCAGGTCTTGTCAATTATAC	480
Db	3228	GAGTTTGTGTAGATTATGTGAGACACCCCGGAGACGGTTGCAGGTCTTGTCAATTATAC	3287
OY	481	CGAGAGAAATACGGGGAGCCACAGATATTAATGTGTTGCTTTCCTATATGAGAACCTGTGTC	540
Db	3288	CGAGAGAAATACGGGGAGCCACAGATATTAATGTGTTGCTTTCCTATATGAGAACCTGTGTC	3347
OY	541	ATGTTTGTCTACAGTAAGTGAATAATTTTGGGACAGTGGGTGATAGTGTGGGTTTGGTG	600
Db	3348	ATGTTTGTCTACAGTAAGTGAATAATTTTGGGACAGTGGGTGATAGTGTGGGTTTGGTG	3407
OY	601	TGGTAATTTTTTTTTTAATTTTTTACAGTTTGTGGTTTAAAGAAATTTTGATTTGATTT	660
Db	3408	TGGTAATTTTTTTTTTAATTTTTTACAGTTTGTGGTTTAAAGAAATTTTGATTTGATTT	3467
OY	661	TTTTTAAAGGTCCTGTGTCTGACACTGAGAGCTGAGCCGAGCCAGAACCGGAGCCTTGCA	720
Db	3468	TTTTTAAAGGTCCTGTGTGTCTGACACTGAGAGCTGAGCCGAGCCAGAACCGGAGCCTTGCA	3527
OY	721	GACCTTACCCGCGCTCTTAAATATGGCGGCTGTCTATCTTGAGAAGCCGCCGACATCACCTGTGT	780
Db	3528	GACCTTACCCGCGCTCTTAAATATGGCGGCTGTCTATCTTGAGAAGCCGCCGACATCACCTGTGT	3587
OY	781	CTAAGAAATGCAATATGATATGATCGGATAGCTGTGACTCCGGTCTTTCTTAAACAACCTTCTG	840
Db	3588	CTAAGAAATGCAATATGATATGATCGGATAGCTGTGACTCCGGTCTTTCTTAAACAACCTTCTG	3647
OY	841	AGATACACCCGGTGGTCCCGCTGTGCCCATTTAAACCAAGTTGCCGTGAGATTTGGTGGC	900
Db	3648	AGATACACCCGGTGGTCCCGCTGTGCCCATTTAAACCAAGTTGCCGTGAGATTTGGTGGC	3707
OY	901	GTCGCCAAGGCTGTGGAATGTATTCAGAGACTTGTCTTAAAGAGCCTTGGGCAACTTTTGACT	960
Db	3708	GTCGCCAAGGCTGTGGAATGTATTCAGAGACTTGTCTTAAAGAGCCTTGGGCAACTTTTGACT	3767
OY	961	TGAGCTGTAAACGCCCCAGGCCCATTA 986	
Db	3768	TGAGCTGTAAACGCCCCAGGCCCATTA 3793	

RESULT 15	BD268237	7607 bp	DNA	linear	PAT 17-JUL-2003
LOCUS	BD268237				
DEFINITION	Adenovirus vector, packaging cell line, composition and method for production and use.				
ACCESSION	BD268237				
VERSION	BD268237.1	GI:33078005			
KEYWORDS	JP 2002534130-A/41.				
SOURCE	synthetic construct				
ORGANISM	synthetic construct				
REFERENCE	other sequences; artificial sequences.				
	1 (bases 1 to 7607)				

AUTHORS	Nemerow,G.R., Seggern,D.J.V., Hallenbeck,P.L., Stevenson,S.C. and Skripchenko,Y.
TITLE	Adenovirus vector, packaging cell line, composition and method for production and use
JOURNAL	Patent: JP 2002534130-A 41 15-OCT-2002;
COMMENT	NOVARTIS AG,THE SCRIPPS RESEARCH INSTITUTE
	OS Artificial Sequence
	PN JP 2002534130-A/41
	PD 15-OCT-2002
	PF 14-JAN-2000 JP 2000593765
	PI GLEN ROBERT NEMEROW,DANIEL J VON SEGGERN,PAUL L HALLENBECK, PI SUSAN C STEVENSON,YELENA SKRIPCCHENKO
PC C12N15/09,A61K35/76,A61K48/00,A61P35/00,A61P43/00,A61P43/00,	
PC C12N5/10,	
PC C12N7/00,C12Q1/68,G01N33/53,G01N33/566,C12N15/00,C12N5/00 CC	
Description of Artificial Sequence: plasmid	
FH Key Location/Qualifiers	
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Query Match	100.0%; Score 986; DB 6; Length 7607;
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Matchos 986; Conservative	0; Mismatches 0; Indels 0; Gaps 0;
Qy	1 ATGAGACATATTATCTGCCAGGAGTGTTATTATCCGAAGAATAATGGCGCAGTCTTTTG 60
Db	977 ATGAGACATATTATCTGCCAGGAGTGTTATTATCCGAAGAATAATGGCGCAGTCTTTTG 1036
Qy	61 GACCAGCTGATCGAAGAGGTACTGGCTGATAATCTTCACCTCTAGCCAATTTTGAACCA 120
Db	1037 GACCAGCTGATCGAAGAGGTACTGGCTGATAATCTTCACCTCTAGCCAATTTTGAACCA 1096
Qy	121 CCTTACCTTCCAGAACTGTATGATTTTAGAGCTGACGSCCCCAGGAAGATCCCAACGAGGAG 180
Db	1097 CCTTACCTTCCAGAACTGTATGATTTTAGAGCTGACGSCCCCAGGAAGATCCCAACGAGGAG 1156
Qy	181 GCGGTTTTCCGAGATTTTTCCCGACTCTGTAATGTTGGCGGTGCAGGAAGGATTGACTTA 240
Db	1157 GCGGTTTTCCGAGATTTTTCCCGACTCTGTAATGTTGGCGGTGCAGGAAGGATTGACTTA 1216
Qy	241 CTCACTTTTCCGCGCGCCCGGTTCTCCGAGAGCCGCTCACTTTTCCGCGAGCCCCGAG 300
Db	1217 CTCACTTTTCCGCGCGCCCGGTTCTCCGAGAGCCGCTCACTTTTCCGCGAGCCCCGAG 1276
Qy	301 CRGCGGAGCAGAGAGCCTTGGGTCCGGTTCTATGCGAAACCTTGTCGCGAGGTGATC 360
Db	1277 CRGCGGAGCAGAGAGCCTTGGGTCCGGTTCTATGCGAAACCTTGTCGCGAGGTGATC 1336
Qy	361 GATCTTACCTGCCACGAGGCTGGCTTTCCACCCAGTCAGCACGAGGATGAAGAGGGTGAG 420
Db	1337 GATCTTACCTGCCACGAGGCTGGCTTTCCACCCAGTCAGCACGAGGATGAAGAGGGTGAG 1396
Qy	421 GAGTTTGTTAGATTATGTGGAGCACCCCGGGCACCGTTTCAGGCTTGTGCATTATCAC 480
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Qy	481 CGGAGGNATACGGGGNACCCAGATATTATGTGTTCGCTTTGCTATATGAGGACCTGTGGC 540
Db	1457 CGGAGGAATACGGGGNACCCAGATATTATGTGTTCGCTTTGCTATATGAGGACCTGTGGC 1516
Qy	541 ATGTTTCTCTACAGTAAGTGAATAATTATGGCAGTGGGTGATAGAGTGGGGTTTGGTG 600
Db	1517 ATGTTTCTCTACAGTAAGTGAATAATTATGGCAGTGGGTGATAGAGTGGGGTTTGGTG 1576
Qy	601 TGGTAAATTTTTTTTTTAATTTTTTACAGTTTTTGTGGTTTAAAGAAATTTTGTATGTTGATTT 660